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REMARKS

Thorough examination and careful review of the application by the Examiner is noted and appreciated.

Claims 1-9 are pending in the application.

Claim 2 has been cancelled and withdrawn from further consideration by the Examiner.

Claims 1, 3-9 stand rejected.

Claim Rejection Under 35 USC §103(a)

Claims 1 and 3-9 are rejected under 35 USC §103(a) as being unpatentable over Shatas in view of Beckhart et al and further in view of the Applicants admitted prior art. It is contended that Shatas discloses substantially the present invention device except a plurality of sensors which is disclosed by Beckhart.

The rejection of Claims 1 and 3-9 under 35 USC §103(a) based on Shatas, Beckhart et al and the Applicants admitted prior art is respectfully traversed.

Independent Claim 1 has been amended to more narrowly define the invention contained therein. The newly amended Independent Claim 1 now recites:

“ A calibration cassette pod comprising:
a cassette pod body and a cassette pod door . . . ;
a first plurality of ribs . . . ;
an optical detector housing . . . ; and

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an optical detector comprising a light emission source and a photo diode receiver for determining the position of said edge portion of the wafer, **said light emission source and said photo diode receiver comprises a second plurality of light emission units and a second plurality of photo diode receivers that are aligned on a radius projecting from a center of said cassette pod body.**"

While the Applicants do not dispute that Beckhart et al teaches a plurality of sensors, shown in Figure 5 and Col. 3, Lines 52-56, and stated:

"Figure 5 is a schematic diagram of an x-y axis semiconductor wafer detection system in accordance with one embodiment of the invention. The semiconductor wafer 82 is shown in conjunction with fourx-y sensors (plurality of sensors) 84, 86, 88, 90."

The Applicants respectfully submit that Beckhart et al does not teach:

"A second plurality of light ignition units and a second plurality of photo diode receivers that are aligned on a radius projection from a center of said cassette pod body."

The Applicants therefore submit that the newly amended independent Claim 1 and its dependent Claims 3-9 are not taught, disclosed, or rendered obvious under 35 USC §103(a)

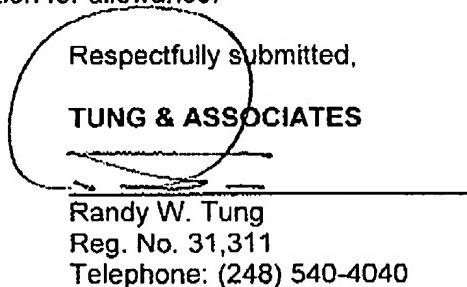
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based on Shatas, Beckhart et al. and the Applicants admitted prior art.

The rejection of claims 1, and 3-9 under 35 USC §103(a) is respectfully traversed. A reconsideration for allowance of these claims is respectfully requested of the Examiner.

Based on the foregoing, the Applicants respectfully submit that all of the pending claims, i.e. claims 1 and 3-9, are now in condition for allowance. Such favorable action by the Examiner at an early date is respectfully solicited.

In the event that the present invention is not in a condition for allowance for any other reasons, the Examiner is respectfully invited to call the Applicants' representative at his Bloomfield Hills, Michigan office at (248) 540-4040 such that necessary action may be taken to place the application in a condition for allowance.



TUNG & ASSOCIATES, PLL
838 W. Long Lake Road
Suite 120
Bloomfield Hills, MI 48302
(248) 540-4040 Tel.
(248) 540-4035 Fax